

BUFFER
CACHE

Fig. 1B
(PRIOR ART)

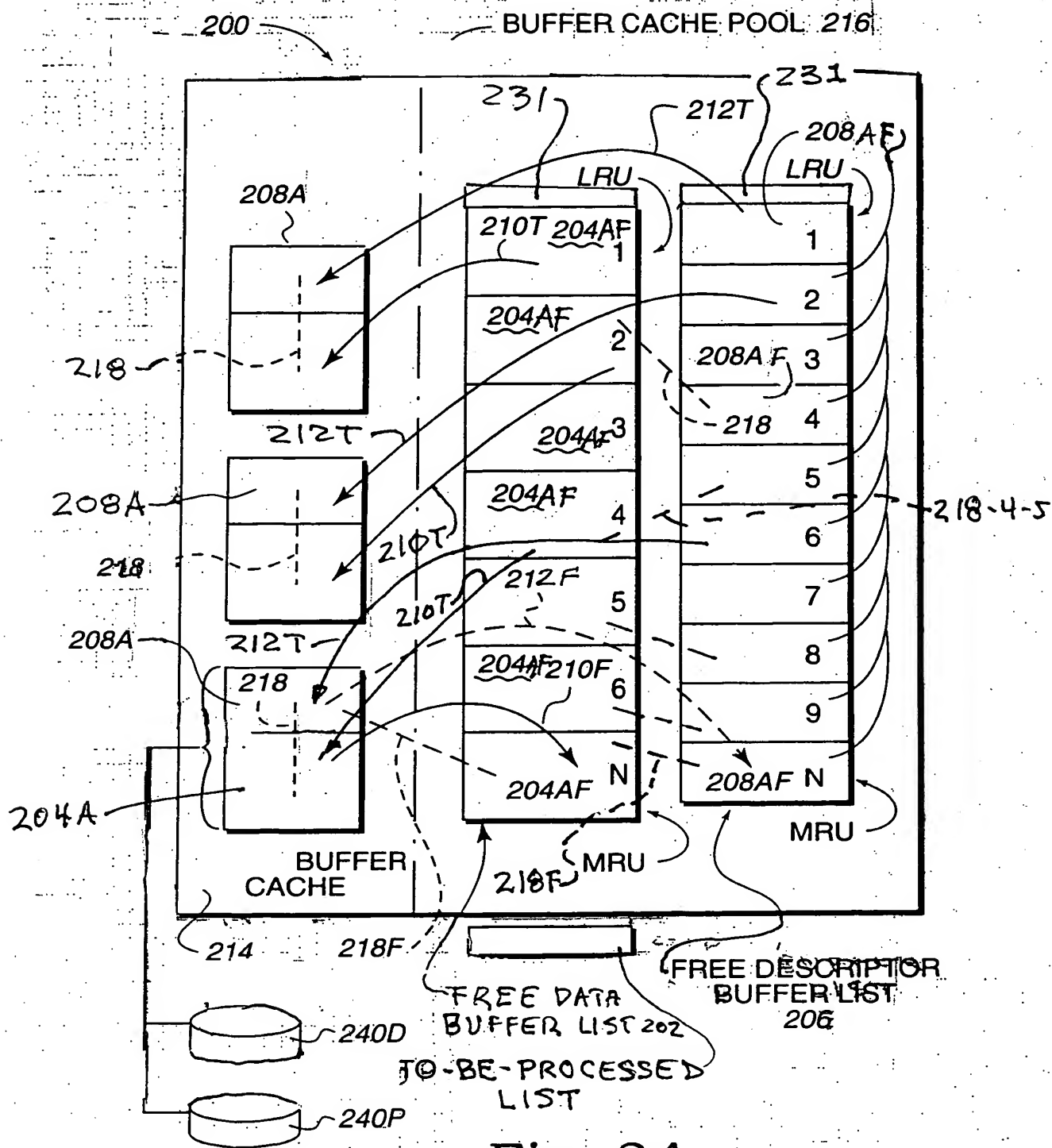


Fig. 2A

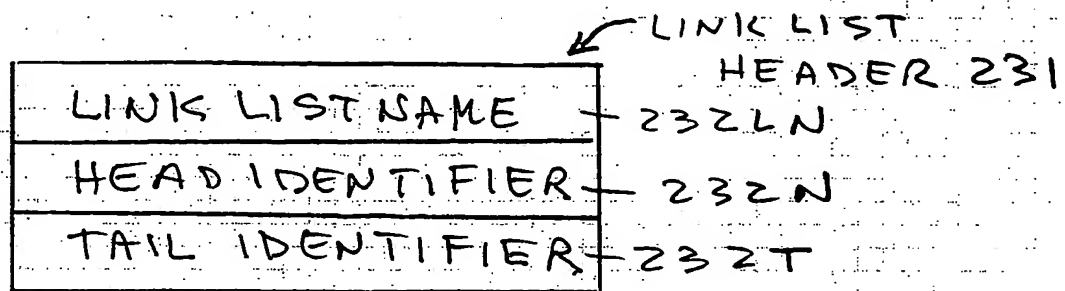


Fig. 2B

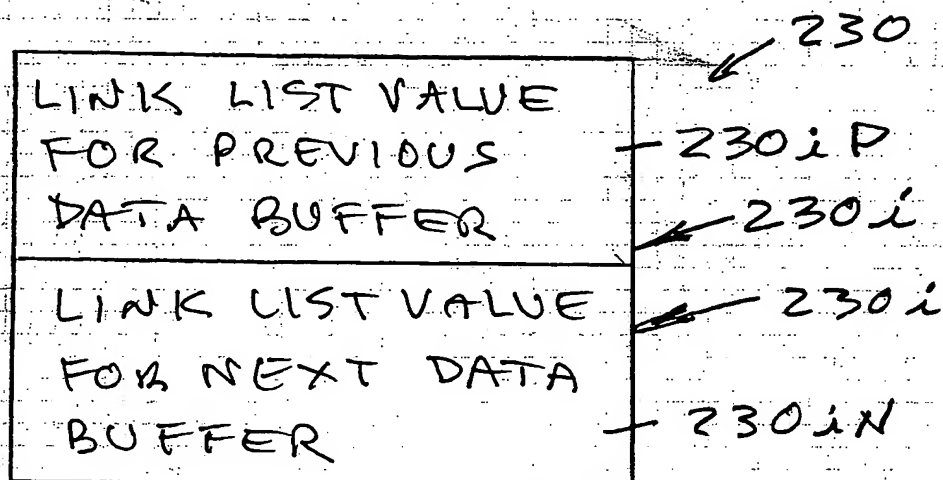


Fig. 2C-1

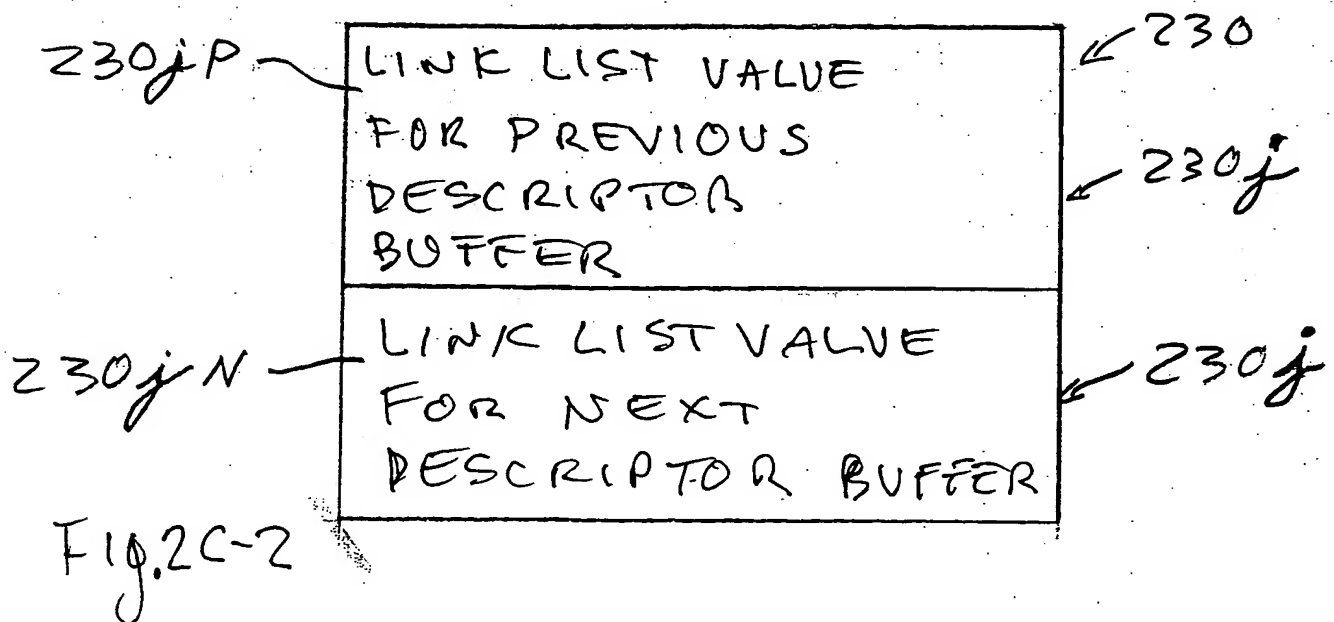


Fig. 2C-2

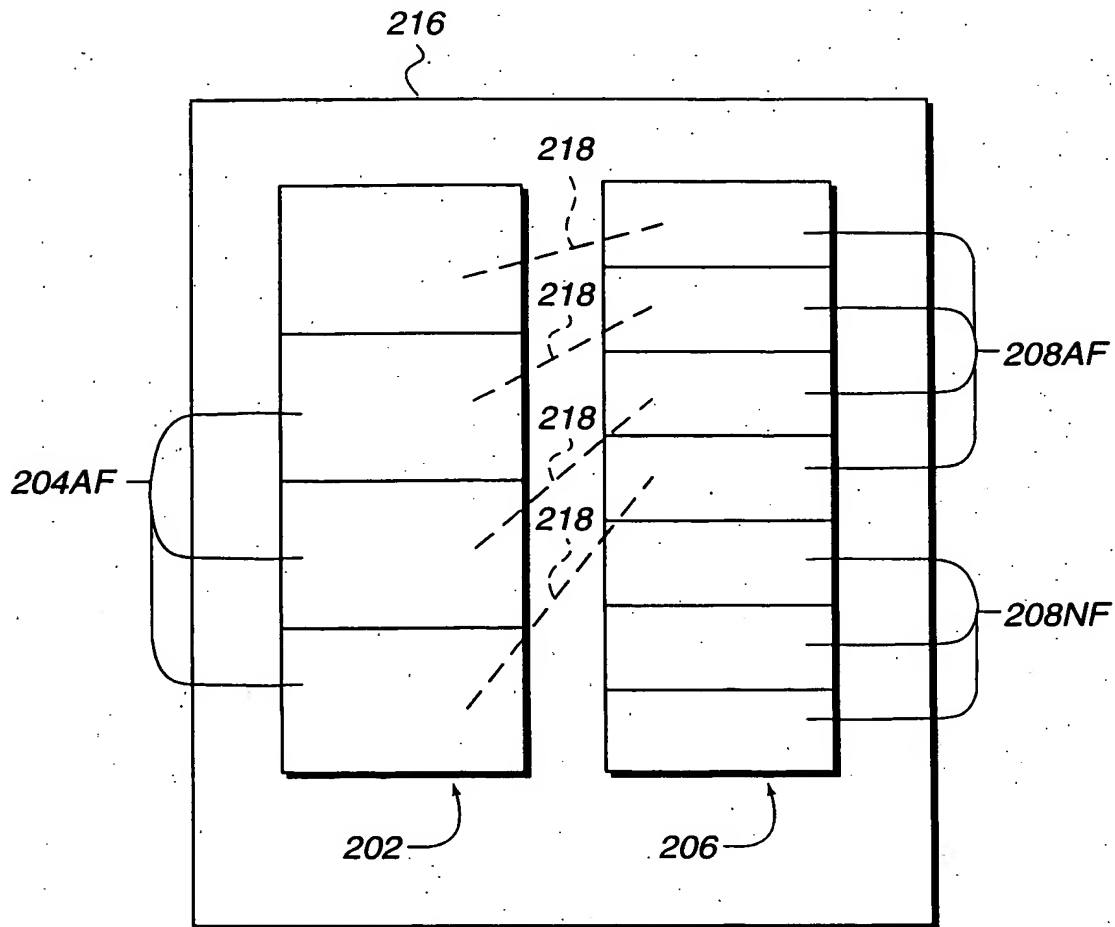


Fig. 2D

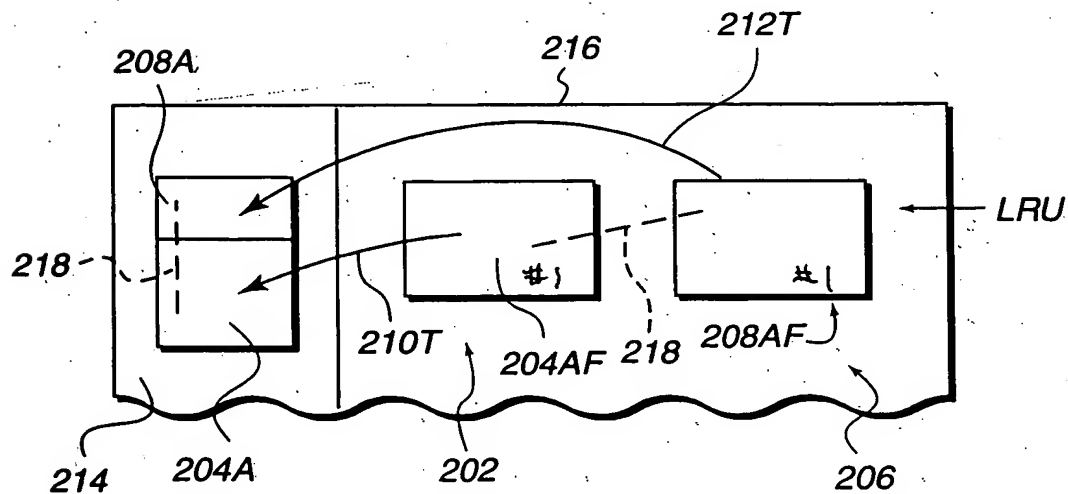


Fig. 2E

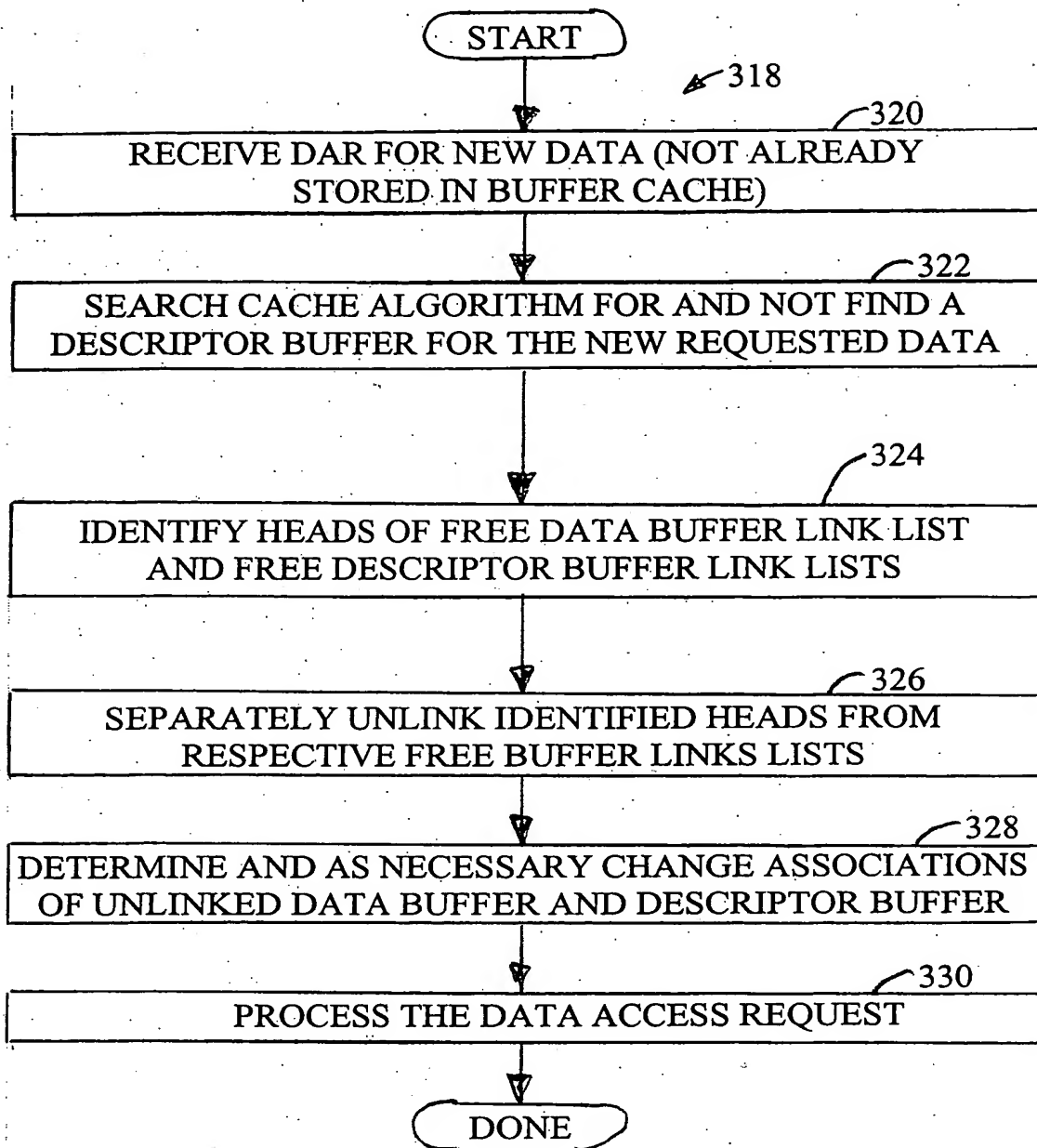


FIGURE 3A

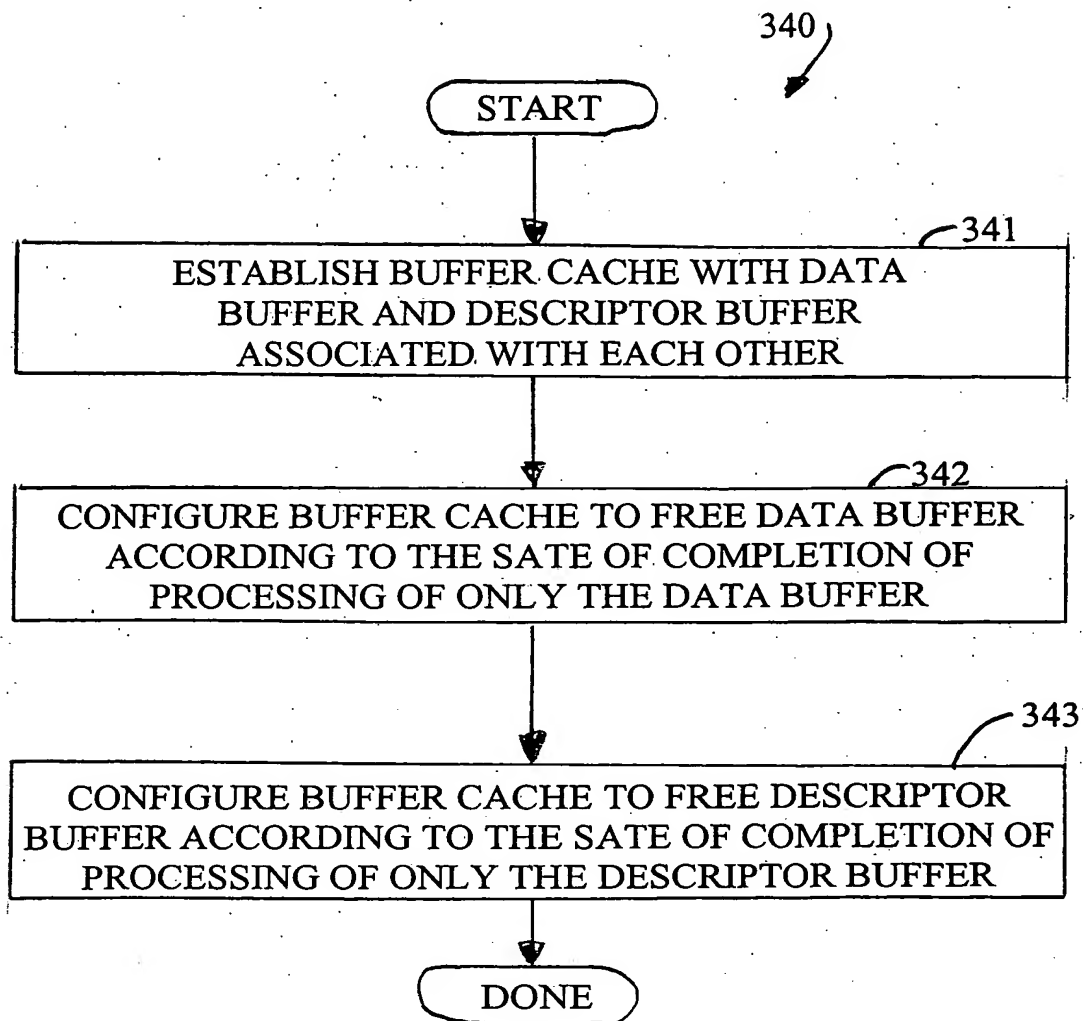


FIGURE 3B

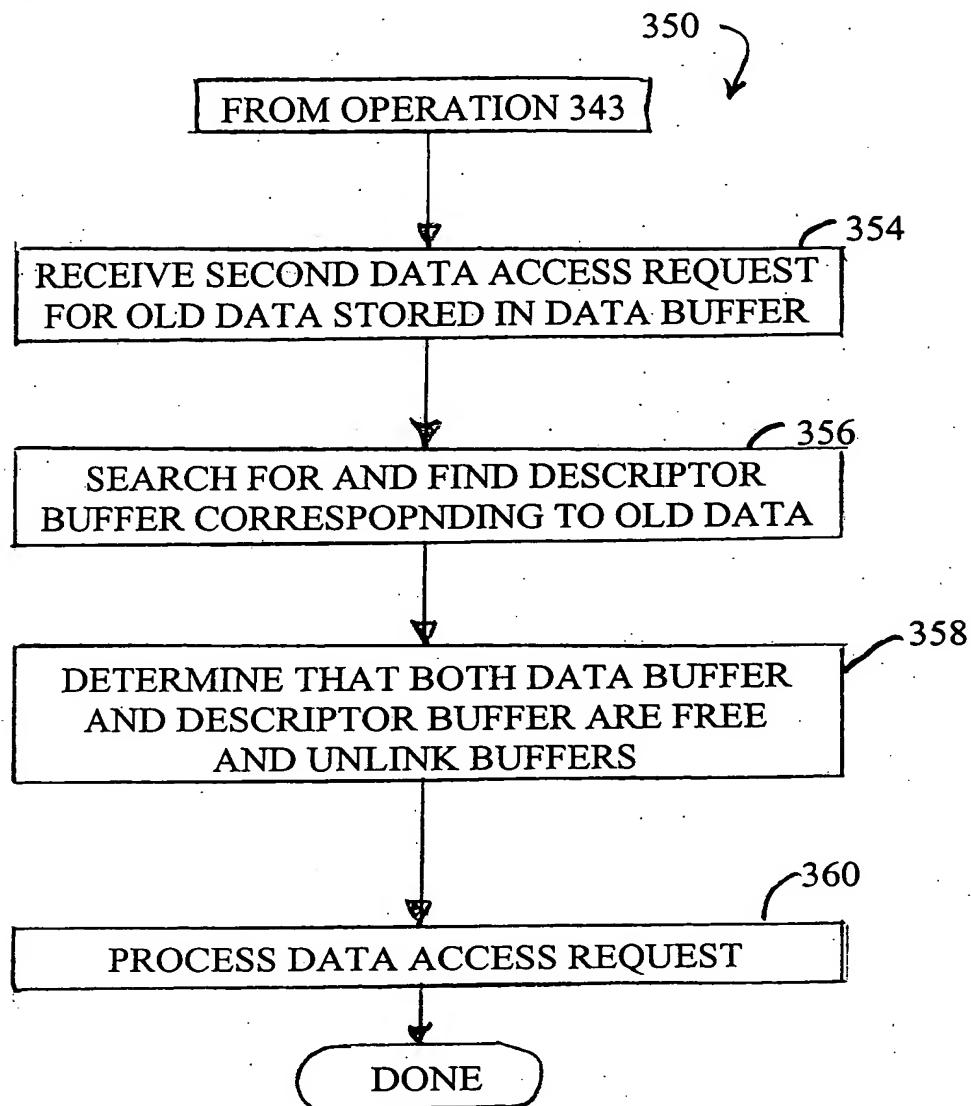


FIGURE 3C

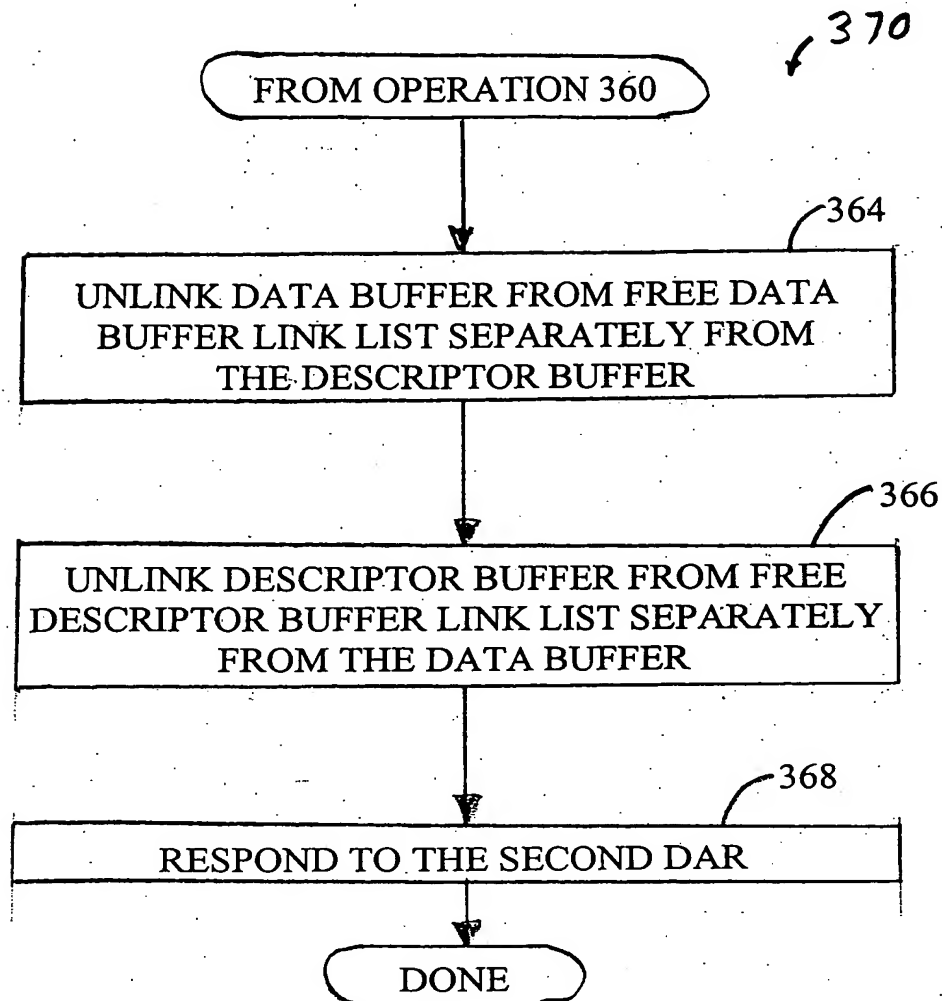


FIGURE 3D

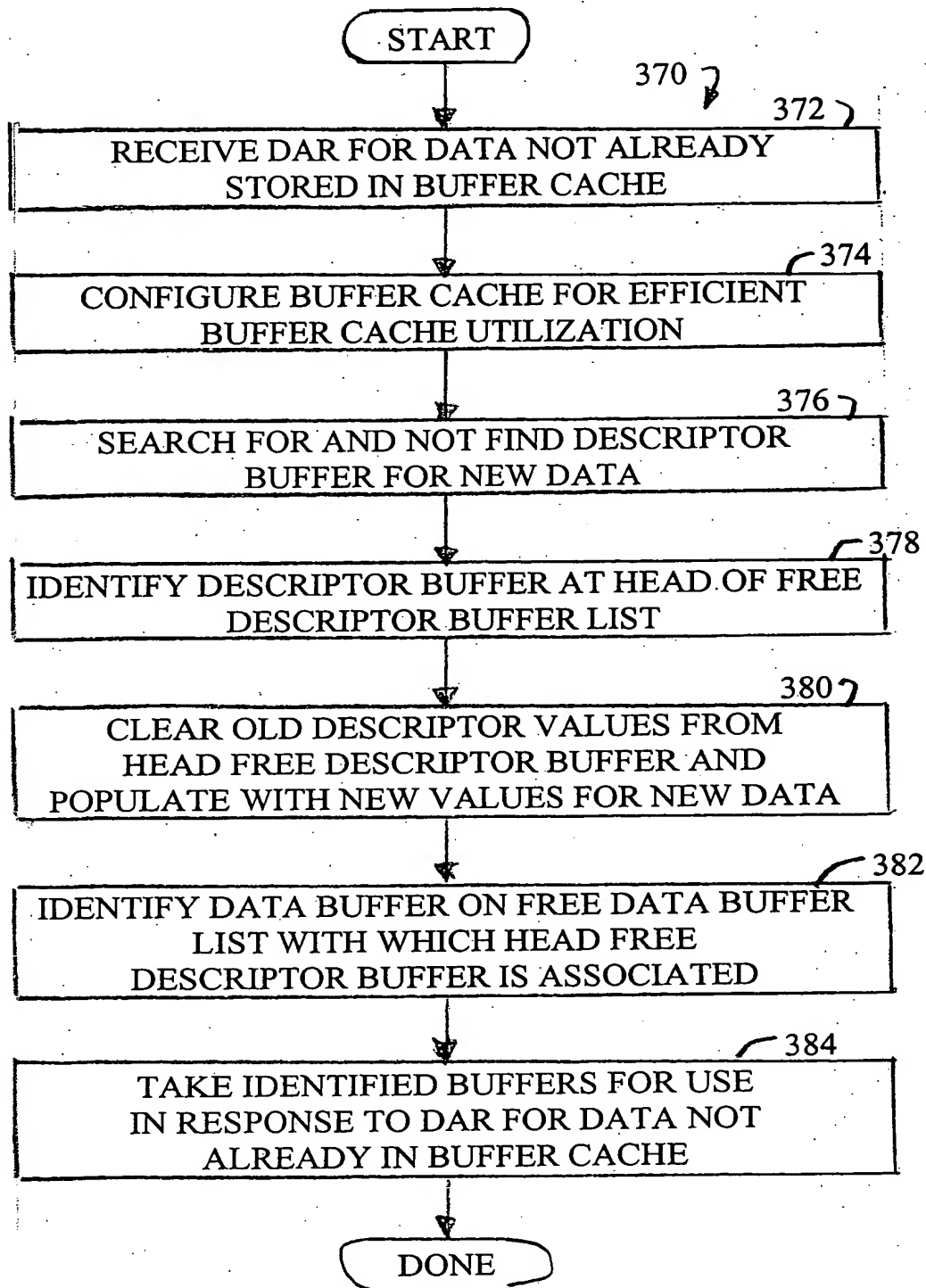
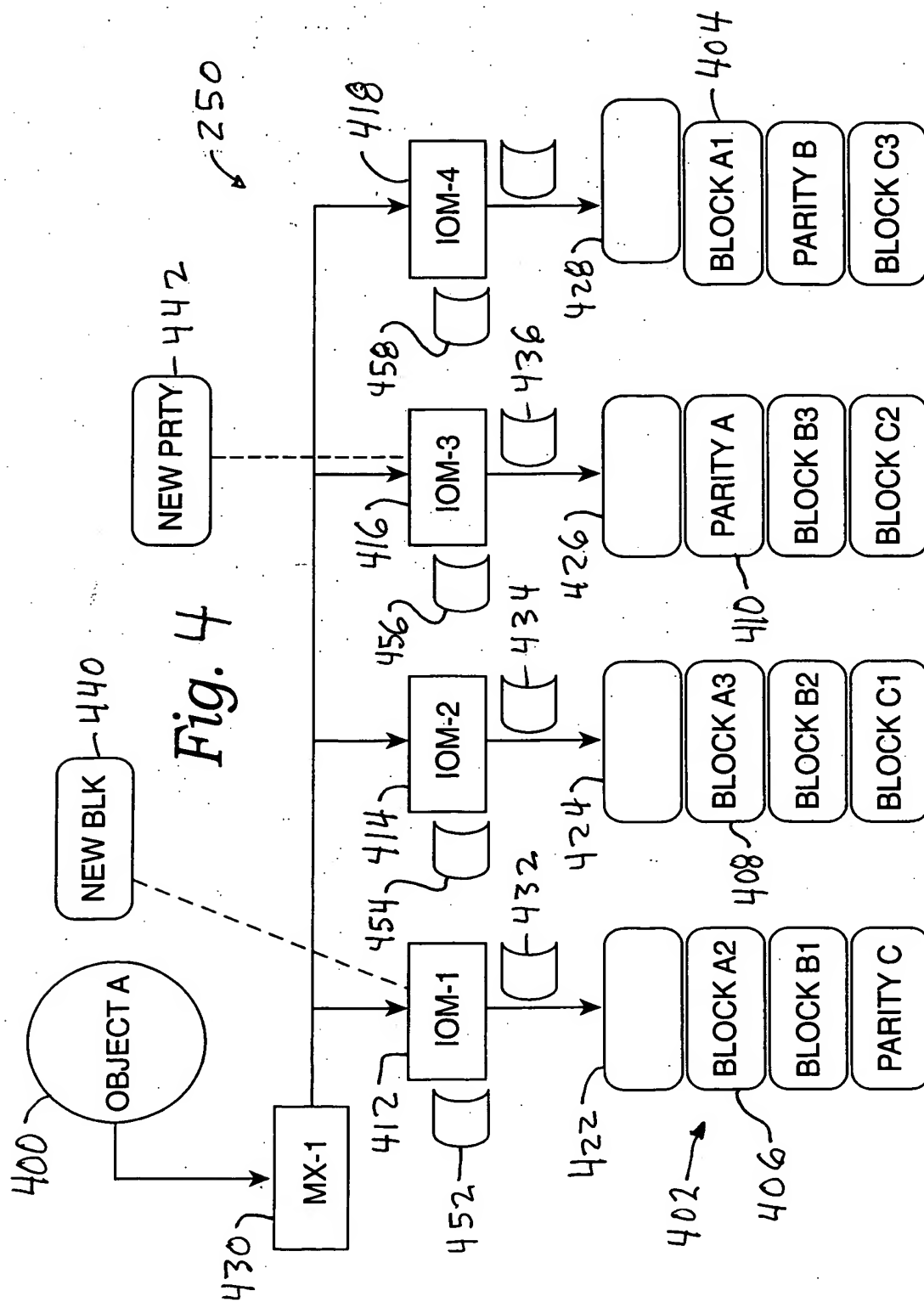


FIGURE 3E



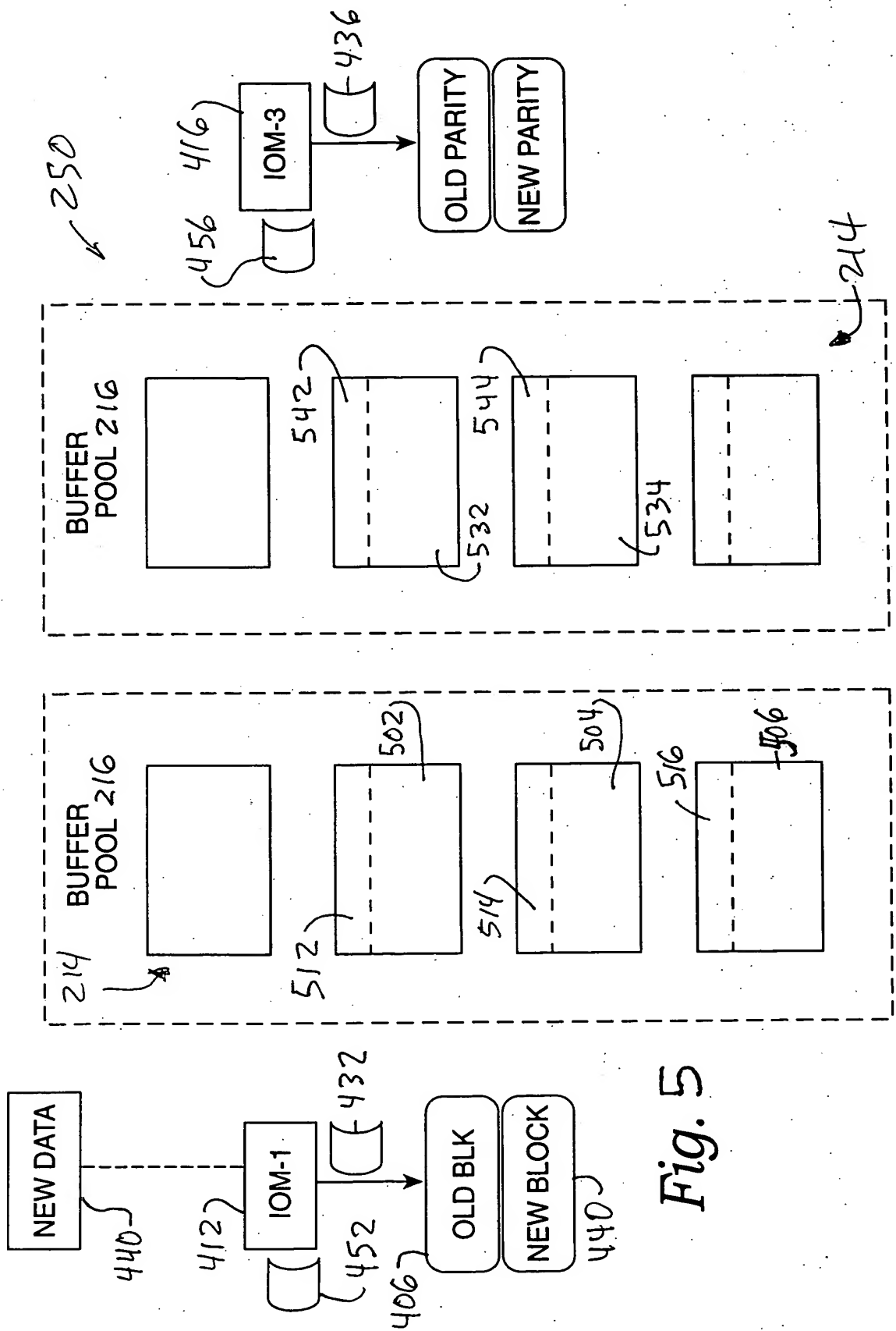


Fig. 5